

## Conference Papers

- [1] Bangwen Deng and **Wenfei Wu\***. “**NFReducer: Redundant Logic Elimination for Network Functions with Runtime Configurations**”. In: *the 2021 IEEE International Conference on Computer Communications*. INFOCOM '21. 2021.
- [2] Yongchao He, **Wenfei Wu\***, Xuemin Wen, Haifeng Li, and Yongqiang Yang. “**Scalable On-Switch Rate Limiters for the Cloud**”. In: *the 2021 IEEE International Conference on Computer Communications*. INFOCOM '21. 2021.
- [3] Hongyi Huang, **Wenfei Wu\***, Yongchao He, Bangwen Deng, Ying Zhang, Yongqiang Xiong, Guo Chen, Yong Cui, and Peng Cheng. “**NFD: A Development Framework for Cross-Platform Network Functions**”. In: *the 2021 IEEE International Conference on Computer Communications*. INFOCOM '21. 2021.
- [4] ChonLam Lao, Yanfang Le, Kshiteej Mahajan, Yixi Chen, **Wenfei Wu\***, Aditya Akella, and Michael Swift. “**ATP: In-Network Aggregation for Multi-Tenant Learning**”. In: *the 18th USENIX Symposium on Networked Systems Design and Implementation*. NSDI '21. 2021.
- [5] Ming Sun, Ya Su, Shenglin Zhang, Junliang Tang, Yuanpu Cao, Yuqing Liu, **Wenfei Wu\***, Dan Pei, Yongsu Zhang, and Xiaozhou Liu. “**CTF: Anomaly Detection in High-Dimensional Time Series with Coarse-to-Fine Model Transfer**”. In: *the 2021 IEEE International Conference on Computer Communications*. INFOCOM '21. 2021.
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- [11] Yimin Jiang, Yong Cui, **Wenfei Wu**, Zhe Xu, Jiahua Gu, K. K. Ramakrishnan, Yongchao He, and Xuehai Qian. “**SpeedyBox: Low-Latency NFV Service Chains with Cross-NF Runtime Consolidation**”. In: *Proceedings of the 39th IEEE International Conference on Distributed Computing Systems*. ICDCS '19. Google Scholar Citation 6. 2019.
- [12] Junfeng Li, Dan Li, **Wenfei Wu**, K. K. Ramakrishnan, Jinkun Geng, Fei Gui, Fanzhao Wang, and Kai Zheng. “**Sphinx: A Transport Protocol for High-Speed and Lossy Mobile Networks**”. In: *Proceedings of the 38th IEEE International Performance Computing and Communications Conference*. IPCCC '19. Google Scholar Citation 0. 2019.
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- [17] Anubhavnidhi Abhashkumar, Joon-Myung Kang, Sujata Banerjee, Aditya Akella, Ying Zhang, and **Wenfei Wu**. “**Supporting Diverse Dynamic Intent-based Policies using Janus**”. In: *Proceedings of the 13th ACM International on Conference on emerging Networking Experiments and Technologies*. CoNEXT '17. Google Scholar Citation 18. 2017.
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## Journal Papers

- [1] Junfeng Li, Dan Li, **Wenfei Wu**, K. K. Ramakrishnan, Jinkun Geng, Fei Gui, Fanzhao Wang, and Kai Zheng. “**Sphinx: A Transport Protocol for High-Speed and Lossy Mobile Networks**”. In: *Computer Networks* (2021).
- [2] Ya Su, Youjian Zhao, Ming Sun, Shenglin Zhang, Xidao Wen, Yongsu Zhang, Xian Liu, Xiaozhou Liu, Junliang Tang, **Wu, Wenfei**, and Dan Pei. “**Detecting Outlier Machine Instances through Gaussian Mixture Variational Autoencoder with One Dimensional CNN**”. In: *IEEE Transactions on Computers* (2021).
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## Patents

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- [2] **Wenfei Wu**, Ying Zhang, and Sujata Banerjee. “**Middlebox modeling**”. In: (2018). US Patent 10594574.
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## Posters

- [1] Hongyi Huang and Wenfei Wu. “**ART: Learning Operation Tree Patterns for Cloud Remediation**”. In: *Proceedings of the 15th European Conference on Computer Systems*. EuroSys Poster '20. 2020.
- [2] Yongchao He and **Wenfei Wu**. “**Fully Functional Rate Limiter Design on Programmable Hardware Switches**”. In: *Proceedings of the ACM SIGCOMM 2019 Conference*. SIGCOMM Poster '19. 2019.
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- [7] **Wenfei Wu** and Ying Zhang. “**Lancet: Extracting Forwarding Models from NF Programs**”. In: *Proceedings of the 2017 IEEE Conference on Computer Communications*. INFOCOM Poster '17. 2017.
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